

Amendments to the Drawings:

In the drawings, the Examiner has objected to the references 19a and 19b as designating both "edge" and "outer edge" (at page 5, lines 12 and 23). To traverse this objection, Applicants have amended the specification at paragraph [0020] to change "edge" to "outer edge".

Applicants are submitting replacement drawing sheets 1 and 5. Drawing sheet 1 for Figure 1 has been amended to correct the reference number "199" to --19a-- and "196" to --19b--.

Support for these amendments is found at page 5, lines 12 and 23 of the specification as filed. Figure 1 has also been amended to adjust the lead lines for reflectors 15 and 16, and to add reference number 24 with lead lines to the louvers. Support is found in FIG. 5 and in Claim 14 as originally filed.

Drawing sheet 5 for FIG. 5 has added reference numbers and lead lines for the following elements: luminaire 10, housing 12, reflector 14, symmetric reflector 15, asymmetric reflector 16, tube 20, tube ends 21, tube end 21, and socket 22, and an additional lead line from reference number 24. Support can be found in Figure 1, and Claim 5 as originally filed.

Attachment: Replacements Sheets
 Annotated Sheets Showing Changes

REMARKS

Applicants respectfully request that the above application be reconsidered, as amended. Claims 1-16 are currently pending. Claims 1-4, 6, 7, 9, 10 and 14 have been amended. Claim 5 has been withdrawn. New Claims 17-22 have been added.

The Examiner objected to Claim 1, line 7 on a grammatical matter, and for lacking antecedent basis for "the base of said lamps". Claim 1 has been amended to obviate these objections.

Applicants have amended the Title to be more clearly indicative of the invention.

Applicants have amended the Abstract in the manner suggested by the Examiner.

Applicants have amended the specification as follows: to add two new paragraphs [0007.A] and [0007.B], to introduce support in the specification for Claims 1, 7 and 9 as originally filed; at paragraph [0011], to correct a typographical error; at paragraph [0020], to reference FIG. 5, to change "edge" to "outer edge" for consistency, to provide a new reference number 21 for the described end of the tube 22, and to introduce support in the specification for the base and electrical connections found in Claim 1 as originally filed; at paragraph [0021], to add a new sentence at the end that introduces support in the specification for Claim 6 as originally filed; at paragraph [0022], to introduce support in the specification for Claim 8 as originally filed; and at paragraph [0023], to correct the reference to the figure, as the proper reference is to FIG. 4.

Support for the amendments are generally found in the claims as filed, except as follows:

- (a) In Claim 1, support for "within the volume of each reflector" is found in paragraph [0020]; and
- (b) In new Claim 17, support for "providing wide angle light distribution" is found in paragraph [0008]; and support for "where the area in the luminaire below the reflectors is substantially open" is found in FIGS. 1 and 5.

No new matter is introduced. Payment for additional claim fees is provided.

Applicants request that these amendments be entered.

A. Response to Rejection of Claims 1-16 under 35 USC 112 as Indefinite

Claims 1-16 have been rejected as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention.

In response, Applicants have amended Claim 1 to delete the reference to the "reflector areas", and to provide that the sockets are located at the end of each reflector, thereby supporting the tubes within the volume of the reflectors as shown in Figures 1 and 5. No new matter is introduced by this amendment, and we request its entry. Applicants respectfully request reconsideration and withdrawal of this rejection.

B. Response to Rejection of Claims 1-8 under 35 USC 102(b) as Anticipated by or under 35 USC 103(a) as Obvious Over U.S. Patent 5,921,666 (Preston et al.)

Claims 1-8 have been rejected under 35 USC 102(b) as anticipated by or under 35 USC 103(a) as obvious over the '666 reference, which discloses a recessed ceiling light fixture that includes a reflector with multiple ellipsoidal segments. In response, Applicants have amended Claim 1 to incorporate the limitation from Claim 9 that the asymmetrical reflector has a generally parabolic shape. The Examiner had indicated that the original Claims 9-12, 15 and 16 would be allowable if rewritten to overcome the 35 USC 112 rejection. Applicants believe that the limitations in intervening Claims 5 and 7, while further distinguishing the prior art from the claimed invention, are unnecessary to the patentability of the invention as now claimed in amended Claim 1. Specifically, neither the '666 reference nor any of the prior art made of record but not relied upon, disclose a pair of asymmetrical reflectors having a parabolic shape, and each having a lamp disposed beneath and within the volume of the reflector.

Applicants respectfully request the Examiner's consideration and allowance of the amended set of Claims 1-8.

C. Response to Rejection of Claims 13 and 14 under 35 USC 103(a) as Unpatentable Over Preston et al.

Claims 13 and 14 presently depend to amended Claim 1, which Applicant contends is patentable and allowable. Therefore, Applicants request reconsideration of the allowance of Claims 12 and 13.

D. Relevancy of Cited Art Against New Claims 17-22

Applicants have added new independent Claim 17, and Claims 18-22 dependent therefore. Claim 17 is based on Claim 1 as originally filed, with the further limitations that: (1) the areas in the luminaire below the reflectors are substantially open, to provide wide angle light distribution; and (2) each lamp is disposed beneath and within the volume of each reflector. Preston ('666) discloses a luminaire using elliptical reflectors that cooperate to "reflect light through a narrowly defined point or through a somewhat broader area" (col. 3, lines 43-44). Figures 3 and 4 of Preston show that a substantial portion of the area below the reflectors is covered by a front panel 35, and is not open. Preston's Figure 2 shows that the prior art disclosed a luminaire having a symmetrical, elliptical reflector to focus the reflected light, which had a completely open area below the reflector.

Consequently, Applicants contend that new Claims 17-22 patentably distinguish over Preston and the other prior art made of record but not cited.

E. Conclusion

It is believed that the above represents a complete response to the Examiner's rejections and places the application in condition for allowance. Accordingly, allowance of Claims 1-4 and 6-22 is respectfully requested.

Applicants would welcome a telephone call should the Examiner have any questions or comments with respect to this response.

Respectfully submitted,

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LUMINAIRE
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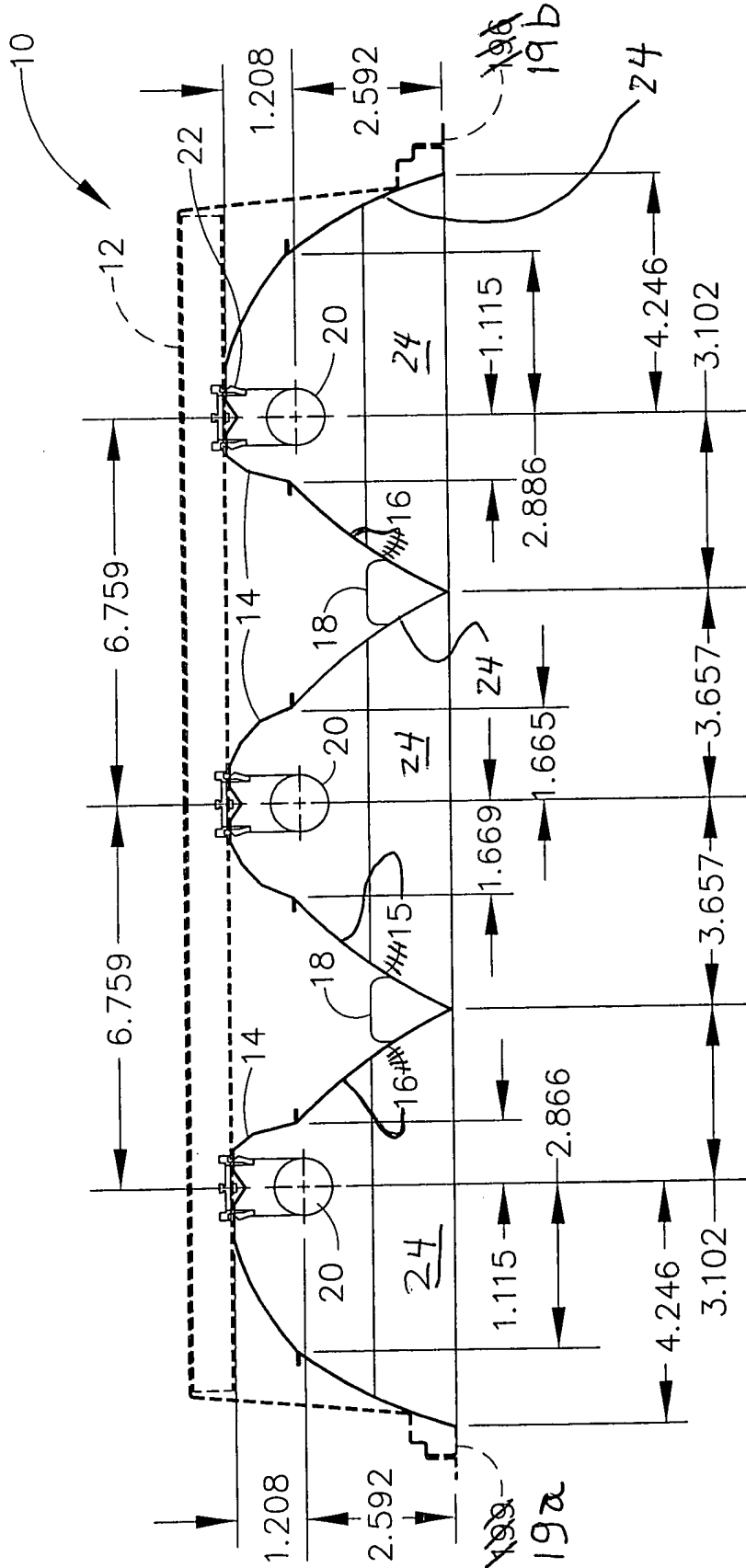


FIG. 1

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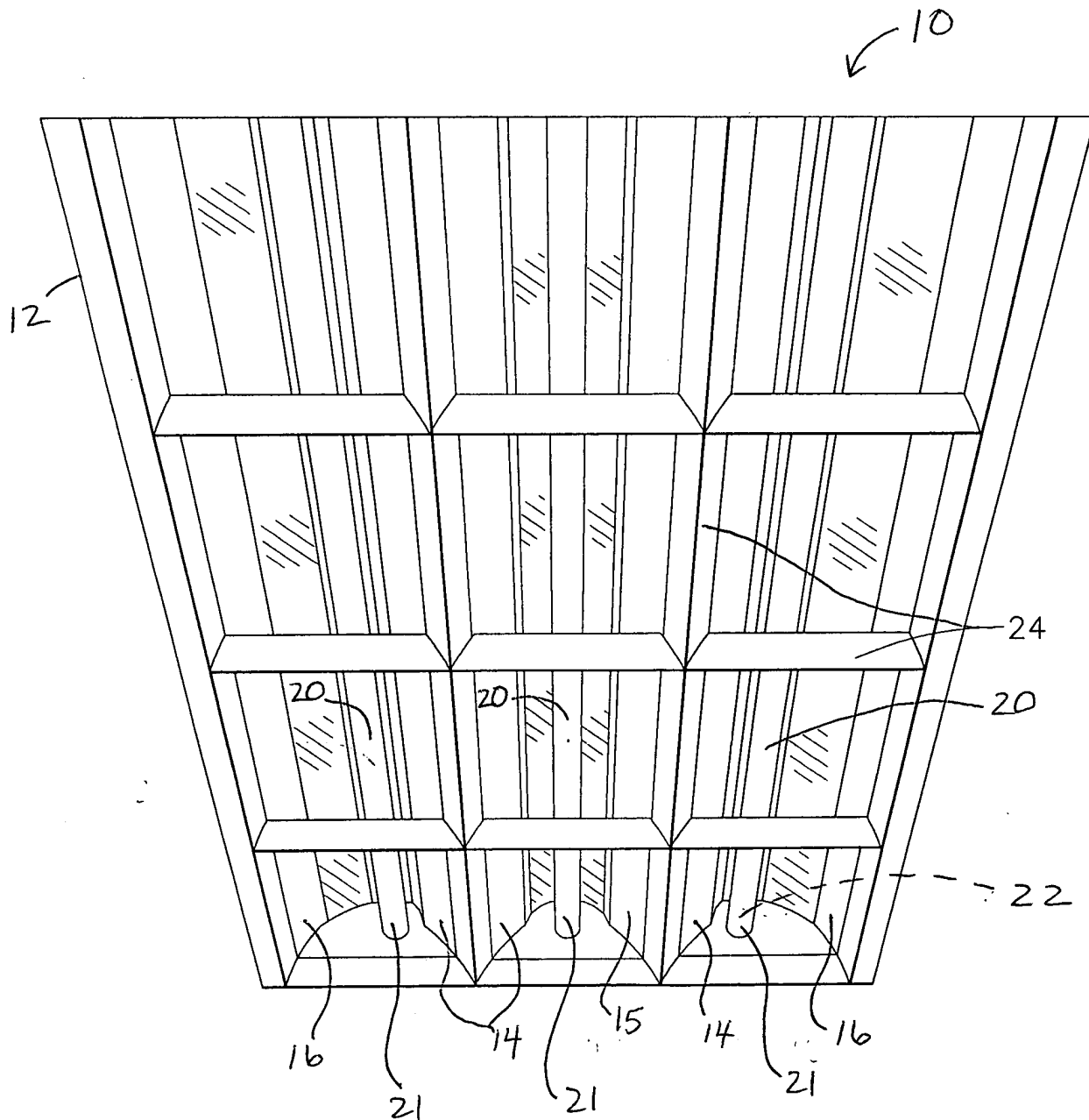


FIG. 5